Attorney's Docket No. U 011457-4

CHAPTER II

TRANSMITTAL LETTER TO THE UNITED STATES ELECTED OFFICE (EO/US)

(ENTRY INTO U.S. NATIONAL PHASE UNDER CHAPTER II)

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/RU96/00236	21 AUGUST 1996	1 SEPTEMBER 1995

TITLE OF INVENTION: DEVICE "BIOTRON TSZYAN-2" FOR TRANSMITTING A NATURAL INFORMATION SUPPLY TO A BIOLOGICAL OBJECT

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Box PCT
Assistant Commissioner for Patents
Washington D.C. 20231

ATTENTION: EO/US

NOTE: The completion of those filing requirements that can be made at a time later than 30 months from the priority date results from the Commissioner exercising his judgment under the authority granted under 35 USC 371(d). The filing receipt will show the actual date of receipt of the last item completing the entry into the national phase. See 37 CFR 1.491 which states: "An international application enters the national state when the applicant has filed the documents and fees required by 35 USC 371(c) within the periods set forth in § 1.494 and § 1.495."

***WARNING:** Where the items are those which can be submitted to complete the entry of the international application into the national phase are subsequent to 30 months from the priority date the application is still considered to be in the international state and if mailing procedures are utilized to obtain a date the express mail procedure of 37 CFR 1.10 must be used (since international application papers are not covered by an ordinary certificate of mailing - 37 CFR 1.8 (2) (xi)).*

NOTE: Documents and fees must be clearly identified as a submission to enter the national state under 35 USC 371 otherwise the submission will be considered as being made under 35 USC 111. 37 CFR 1.494(f).

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Transmittal Letter and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date NOV. 10, 1997, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EI528037287US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

CONNIE YANNOTTI

(type or print name of person mailing paper)

Connie Yannotti

Signature of person mailing paper

NOTE: Each paper or fee referred to as enclosed herein has the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 CFR 1.16(b).

***WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 CFR 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.*

I. Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 U.S.C. 371:

a. ☒ This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).

b. ☒ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees (37 CFR 1.492) as indicated below:

2. Fees

CLAIMS FEE	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
☐*	TOTAL CLAIMS	8 -20=	0	× $22.00=	$ 0
	INDEPENDENT CLAIMS	1 -3=	0	× $80.00=	0
	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+$260.00	
BASIC FEE**	☐ U.S. PTO WAS INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY Where an International preliminary examination fee as set forth in § 1.482 has been paid on the international application to the U.S. PTO: ☐ and the international preliminary examination report states that the criteria of novelty, inventive step (non-obviousness) and industrial activity, as defined in PCT Article 33(1) to (4) have been satisfied for all the claims presented in the application entering the national stage (37 CFR 1.492(a)(4)) ..... $96.00 ☐ and the above requirements are not met (37 CFR 1.492(a)(1)) ..... $700.00 ☒ U.S. PTO WAS NOT INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY Where no international preliminary examination fee as set forth in § 1.482 has been paid to the U.S. PTO, and payment of an international search fee as set forth in § 1.445(a)(2) to the U.S. PTO: ☐ has been paid (37 CFR 1.492(a)(2)) ..... $770.00 ☒ has not been paid (37 CFR 1.492(a)(3)) ..... $1070.00 ☐ where a search report on the international application has been prepared by the European Patent Office or the Japanese Patent Office (37 CFR 1.492(a)(5)) $910.00				
	Total of above Calculations				= 1,070.00
SMALL ENTITY	Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (note 37 CFR 1.9, 1.27, 1.28)				-
	Subtotal				535.00
	Total National Fee				$ 535.00
	Fee for recording the enclosed assignment document $40.00 (37 CFR 1.21(h)). (See Item 13 below). See attached "ASSIGNMENT COVER SHEET".				
TOTAL	Total Fees enclosed				$ 535.00

*See attached Preliminary Amendment Reducing the Number of Claims.

i. ☒ A check in the amount of 535.00 to cover the above fees is enclosed.

ii. ☐ Please charge Account No. _____ in the amount of $ _____. A duplicate copy of this sheet is enclosed.

***WARNING:** *"To avoid abandonment of the application the applicant shall furnish to the United States Patent and Trademark Office not later than the expiration of 30 months from the priority date: * * * (2) the basic national fee (see § 1.492(a)). The 30-month time limit may not be extended." 37 CFR § 1.495(b).*

WARNING: *If the translation of the international application and/or the oath or declaration have not been submitted by the applicant within thirty (30) months from the priority date, such requirements may be met within a time period set by the Office. 37 CFR § 1.495(b)(2). The payment of the surcharge set forth in § 1.492(e) is required as a condition for accepting the oath or declaration later than thirty (30) months after the priority date. The payment of the processing fee set forth in § 1.492(f) is required for acceptance of an English translation later than thirty (30) months after the priority date. Failure to comply with these requirements will result in abandonment of the application. The provisions of § 1.136 apply to the period which is set. Notice of January 3, 1993, 1147 O.G. 29 to 40.*

3. ☒ A copy of the International application as filed (35 U.S.C. 371(c)(2)):

NOTE: Section 1.495 (b) was amended to require that the basic national fee and a copy of the international application must be filed with the Office by 30 months from the priority date to avoid abandonment. "The International Bureau normally provides the copy of the international application to the Office in accordance with PCT Article 20. At the same time, the International Bureau notifies applicant of the communication to the Office. In accordance with PCT Rule 47.1, that notice shall be accepted by all designated offices as conclusive evidence that the communication has duly taken place. Thus, if the applicant desires to enter the national stage, the applicant normally need only check to be sure the notice from the International Bureau has been received and then pay the basic national fee by 30 months from the priority date." Notice of January 7, 1993, 1147 O.G. 29 to 40, at 35-36. See item 14c below.

a. ☒ is transmitted herewith.

b. ☐ is not required, as the application was filed with the United States Receiving Office.

c. ☐ has been transmitted

i. ☐ by the International Bureau.
Date of mailing of the application (from form PCT/1B/308): _____.

ii. ☐ by applicant on (date) _____.

4. ☒ A translation of the International application into the English language (35 U.S.C. 371(c)(2)):

a. ☒ is transmitted herewith.

b. ☐ is not required as the application was filed in English.

c. ☐ was previously transmitted by applicant on (date) _____.

d. ☐ will follow.

5. ☒ Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. 371(c)(3)):

NOTE: The Notice of January 7, 1993 points out that 37 CFR § 1.495(a) was amended to clarify the existing and continuing practice that PCT Article 19 amendments must be submitted by 30 months from the priority date and this deadline may not be extended. The Notice further advises that: "The failure to do so will not result in loss of the subject matter of the PCT Article 19 amendments. Applicant may submit that subject matter in a preliminary amendment filed under section 1.121. In many cases, filing an amendment under section 1.121 is preferable since grammatical or idiomatic errors may be corrected." 1147 O.G. 29-40, at 36.

a. ☐ are transmitted herewith.

b. ☐ have been transmitted

i. ☐ by the International Bureau.
Date of mailing of the amendment (from form PCT/1B/308): _____.

ii. ☐ by applicant on (date) _____.

c. ☒ have not been transmitted as

i. ☒ applicant chose not to make amendments under PCT Article 19.
Date of mailing of Search Report (from form PCT/ISA/210.): _____.

ii. ☐ the time limit for the submission of amendments has not yet expired. The amendments or a statement that amendments have not been made will be transmitted before the expiration of the time limit under PCT Rule 46.1.

6. ☒ A translation of the amendments to the claims under PCT Article 19 (38 U.S.C. 371(c)(3)):

a. ☐ is transmitted herewith.

b. ☐ is not required as the amendments were made in the English language.

c. ☒ has not been transmitted for reasons indicated at point 5c above.

7. ☐ A copy of the international examination report (PCT/IPEA/409)

☐ is transmitted herewith.

☐ is not required as the application was filed with the United States Receiving Office.

8. ☐ Annex(es) to the international preliminary examination report

a. ☐ is/are transmitted herewith.

b. ☐ is/are not required as the application was filed with the United States Receiving Office.

9. ☐ A translation of the annexes to the international preliminary examination report

a. ☐ is transmitted herewith.

b. ☐ is not required as the annexes are in the English language.

10. ☒ An oath or declaration of the inventor (35 U.S.C. 371(c)(4)) complying with 35 U.S.C. 115

a. ☐ was previously submitted by applicant on (date) _____.

b. ☒ is submitted herewith, and such oath or declaration

i. ☐ is attached to the application.

ii. ☒ identifies the application and any amendments under PCT Article 19 that were transmitted as stated in points 3b or 3c and 5b; and states that they were reviewed by the inventor as required by 37 CFR 1.70.

iii. ☐ will follow.

II. Other document(s) or information included:

11. ☒ An International Search Report (PCT/ISA/210) or Declaration under PCT Article 17(2)(a):

a. ☒ is transmitted herewith.

b. ☐ has been transmitted by the International Bureau.
Date of mailing (from form PCT/IB/308): _____.

c. ☐ is not required, as the application was searched by the United States International Searching Authority.

d. ☐ will be transmitted promptly upon request.

e. ☐ has been submitted by applicant on (date) _____.

12. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98:

a. ☒ is transmitted herewith.

Also transmitted herewith is/are:

☒ Form PTO-1449.

☒ Copies of citations listed.

b. ☐ will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. 371(c).

c. ☐ was previously submitted by applicant on (date) _____.

13. ☐ An assignment document is transmitted herewith for recording.

A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.

_____

_____

_____

14. ☒ Additional documents:

a. ☒ Copy of request (PCT/RO/101)

b. ☒ International Publication No. WO 96/41872

i. ☐ Specification, claims and drawing

ii. ☒ Front page only

c. ☐ Preliminary amendment (37 CFR § 1.121)

d. ☒ Other

FORM PCT/IB/308: FORM PCT/IPEA/401 (DEMAND):

FIVE (5) SHEETS OF DRAWINGS (FORMAL)

15. ☒ The above checked items are being transmitted

a. ☒ before 30 months from any claimed priority date.

b. ☐ after 30 months.

16. ☐ Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on _____, namely:

AUTHORIZATION TO CHARGE ADDITIONAL FEES

WARNING: *Accurately count claims, especially multiple dependant claims, to avoid unexpected high charges if extra claims are authorized.*

☒ The Commissioner is hereby authorized to charge the following additional fees that may be required by this paper and during the entire pendency of this application to Account No. 12-0425

☒ 37 CFR 1.492(a)(1), (2), (3), and (4) (filing fees)

WARNING: *Because failure to pay the national fee within 30 months without extension (37 CFR § 1.495(b)(2)) results in abandonment of the application, it would be best to always check the above box.*

☐ 37 CFR 1.492(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 CFR 1.492(d)), it might be best not to authorize the PTO to charge additional claim fees, except possible when dealing with amendments after final action.

☒ 37 CFR 1.17 (application processing fees)

WARNING: *While 37 CFR 1.17(a), (b), (c) and (d) deal with extensions of time under § 1.136(a), this authorization should be made only with the knowledge that: "Submission of the appropriate extension fee under 37 CFR 1.136(a) is to no avail unless a request or petition for extension is filed." Notice of November 5, 1985 (1060 O.G. 27).*

☐ 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))

NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 CFR 1.311(b).

NOTE: 37 CFR 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying . . . issue fee." From the wording of 37 CFR 1.28(b): (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

☒ 37 CFR 1.492(e) and (f) (surcharge fees for filing the declaration and/or filing an English translation of an International Application later than 30 months after the priority date).

SIGNATURE OF ATTORNEY

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DEVICE "BIOTRON TSZYAN-2" FOR TRANSMITTING A NATURAL INFORMATION SUPPLY TO A BIOLOGICAL OBJECT

Field of the invention

The present invention relates to the field that ensures the maintaining of vitality of a biological object or possible change of its features, namely, to a device for transmitting a natural information supply to a biological object. This device allows to transmit to the object a genetical information which is stored in deoxynucleic acid (DNA) of the source that is located at a distance from the object by means of the influence of a bioelectromagnetic field to the object's molecules.

Background of the invention

A method of transmitting genetical material to the cells of Actinomyces is known in the art.

Also known is generation of new species of animals by means of separation of a gene coding a specific hormone homologous to that available at the ovum. (EP, Application # 0061253, Cl. 12N 15/00, 1982).

However, in these cases it is necessary to interfere into the cell's structure which involves some technical difficulties; there is a necessity of observance of the sterility of the experiment, and the use of precision equipment. (PCT, Application WO 088(08026, Cl. C12N 15/00, 1988).

Besides, these methods do not ensure the possibilities of rejuvenescent and curing effects on the biological object, especially a human being. To continue vital activity a live body constantly receives from its environment an energy supply coming from air and foods which contain proteins, fats, carbohydrates, vitamins, mineral substances, and water. They contribute to its growth and metabolism. However, they can not slow down the process of aging.

In the process of its vital activity the body's atoms and molecules are interconnected by bioelectromag

netic fields that are unitary material carriers of biological information and energy. Replenishment of the biofield of the object or its individual organs can be effected by transmitting a natural information supply received from another live object.

There is known a device for transmitting a natural information supply to a biological object comprising a source of biofield and a means for housing the source and the object (SU, Inventor's Certificate # 1593670, Cl. A61N 5/06, 1989).

As a source of biofield can be used the hands of the operator who is carrying out specific movements of his hands near the body of the object. Simultaneously with this, the biological object is influenced by an alternating electric field and infrared radiation. The operator is a source of superhigh frequency radiation. And due to the fact that any live cell is a small radiator of electromagnetic waves of a superhigh frequency band, the operator transmits to the object/receiver a biological information, replenishes the biofield of the object/receiver and energizes it. In doing so, the curing effect takes place.

However, in this case is sued a source of information supply of the same species as the biological object/receiver. In doing so, the source is used many times for working with various objects. But it is known that biofield exerts mutual influence. That is why, the source receives from the object a pernicious influence that can be transmitted to other objects during his intercourse with them. Besides, the influence of the biofield is not so efficient because it takes place directly between two biological objects and is not amplified by any instruments.

Summary of the Invention

This invention is aimed at the solution of a technical task of elimination of a possible pernicious influence on a biological object of a source's biofield that has been harmfully affected during its intercourse with another object; the invention is also aimed at the raising of efficiency of the beneficial influence on the object and its consumption of a natural information supply.

The raised task of the invention is attained due to the fact that the device for transmitting a natural information supply to a biological object includes a source of biofield and means for housing the source and the object and comprises a chamber assembly having a housing, two antenna systems each of which having a reflector and a microwave lens mounted coaxially with the respective reflector, the first antenna system being secured to one side of the housing in such a manner as to form a compartment for reception of an information supply from the source of biofield while the second antenna system is secured to the opposite side of the housing to form a compartment for influencing a biological object, means for placing a source of biofield and the biological object being located in the zone of focus of the respective antenna systems while near the latter means from the side opposite to the antenna system is mounted a group of microwave lenses.

Implementation of the said device in the form of a chamber assembly, comprising a housing and two antenna systems as well as availability of an additional system of lenses and its location at a focus distance from a biological object, ensures the possibility of a more complete taking away of an information supply and its focussed transmittance to the object. Implementation of said antenna systems in the form of a reflector and location of a microwave lens mounted coaxially with it

(or secured to it) ensures the increase of the amplification coefficient and the directional action of the systems.

Said housing may have a cylindrical form with antenna systems being secured to its end sides. Implementation of said housing in this form ensures easiness of use of the device which is manifested in the possibility of easy replacement of the source of biofield and, as a result, in shortening of time needed for carrying out this operation.

Said housing may have such a design that together with said antenna systems secured to its opposite sides there is formed a chamber in the form of a sphere or a chamber the section of which has the form of an ellipse. Such a form of the chamber ensures high mechanical rigidity and high percentage of a natural information supply received by the object.

It is recommended to separate said compartments by a partition secured inside said housing and made of such a material that the bioelectromagnetic radiation can penetrate through it. This creates more comfortable conditions in the compartment for a bioobject due to elimination of the possibility for the smell and noise from the source of a biofield to penetrate into it.

In case of the necessity to transmit a natural information supply to a small object, for example, embryos, cells, it is necessary to supplement the second antenna system with a convex metal mirror located in the zone of the focus of the reflector and lens and facing with its convex side the reflector thus ensuring concentration of electromagnetic radiation of the biofield into a narrow beam for its direciton onto a small object. In this case the total resulting focus of said antenna system will shift closer to said reflector. A small biological object placed into that zone will receive an electromagnetic flow of higher density re-

sulting in the increase of its effect.

It is recommended to use as a source of biofield some young plants with the period of vegetation of 1 to 2 weeks from the begining of vegetation or some large or small animals at the age up to the first half of their growth. At such a stage of growth cells are in an active state of division and, as a result, have more active biofields due to which the effect on the biological object/receiver is greater.

Such a design of said device allows to eliminate a pernicious effect of one biological object-receiver on the other which may take place when the influence on objects/receivers is exerted only by one operator used as a source of biofield. With the present device in each case is used an individual, young, healthy, and strong source of biofield which has not yet interacted with another biological object. Besides, during the course of treatment the source of biofield may be easily changed to a new one several times. This results in the raising of the degree of transmittance of a full-fledged natural information supply and, consequently, a fuller replenishment of the biofield of the object which gives positive results in treatment, rejuvenation of human being or change of features of an animal or a plant.

Brief Description of the Drawings

This invention will be apparent from the detailed description of the preferred embodiment of the invention with reference to the accompanying drawings in which:

FIG.1 shows the device for transmitting a natural information supply to a biological object having a cylindrical housing.

FIG.2 is a section along A-A of FIG.1.

FIG.3 is a section along B-B of FIG.1.

FIG.4 is a section along C-C of FIG.1.

FIG.5 shows a fastening assembly of the antenna

system's reflector.

FIG.6 shows the device for transmitting a natural information supply having a chamber of a spherical form.

FIG.7 shows the device for transmitting a natural information supply to a biological object having a chamber of elliptic section.

FIG.8 shows the second antenna system supplemented with an additional mirror.

The Preferred Embodiment of the Invention

The device for transmitting a natural information supply to a biological object comprises a chamber assembly having housing 1 made, for example, of duralumin and two antenna systems. The first antenna system is a receiver of a bioelectromagnetic radiation and is secured to one side of housing 1 forming, together with an adjacent part of housing 1, compargtment 2 for reception of an information supply from source 3 of biofield. The second antenna system serves for reception and directional transmittance of a bioelectromagnetic radiation and is secured to the opposite side of housing 1 forming, together with an adjacent part of housing 1, compartment 4 for influencing biological object 5. The first antenna system comprises reflector 6 and microwave lens 7 mounted coaxially with it. The second antenna system comprises reflector 8 and microwave lens 9 mounted coaxially with it.

Housing 1 may have a cylindrical form (FIG.1). Said antenna systems should be secured to its end sides. In doing so, it is recommended to use reflectors 6,8 having a parabolic form. Housing 1 may have such a design that together with said antenna systems, secured to its opposite sides, it forms a spherical chamber (FIG.6).

Housing 1 may have such a design that together with said antenna systems secured to its opposite sides it forms an elliptic chamber (FIG.7).

Each reflector 6,8 is secured by its end side to mounting frame 10 (FIG.4, 5) by means of eyes 11. Said frame has a support system comprising plate 12, mounted on a foundation, and inclined columns 13. Each reflector 6, 8 at its edges has flanges to which are secured rods 14 which encompass cylindrical housing 1 to ensure its rigidity. Housing 1 has a support made in the form of bed 15.

In housing 1 for compartments 2 and 4 are provided doors 16, 17 (FIG.2, 3) being a part of the surface of housing 1 and having for the cylindrical design of housing 1 a form of an arc. In spherical or elliptic designs of said chambers doors 16, 17 have the forms of a part of a sphere and a part of an ellipsoid respectively.

Doors 16 and 17 are secured to columns 18, 19 by means of hinged joints (FIG. 2, 3).

In compartment 2 in the zone of focus of the first antenna system is provided means for placing source 3 of biofield; such means may be designed in the form of movable shelf 20 (FIG.1, 2, 6, 7) having wheels 21. Shelf 20 is mounted on support platform 22 located opposite door 16. Platform 22 is secured on columns 23 passing through slots in housing 1 and is supported on said foundation. Platform 22 has side guides 24 (FIG.1, 2) for wheels 21 of shelf 20. Behind this assembly is installed a limiter of shelf movement (not illustrated).

In compartment 4 in the zone of focus of the second antenna system is provided a means for placing of one or more biological objects 5; said means is made in the form of multitier or single-tier bed 25 (FIG.1,6,7) supporting elements of which through said slots in housing 1 are mounted on said foundation.

Housing 1 has floor 26 for people to move around. Supports 27 for said floor are located in such a way

that they through cylindrical housing 1 are supported on bed 15.

Compartments 2 and 4 may be separated by means of partition 28 (FIG.1) secured in housing 1 and made of the material that can be penetrated by the bioelectromagnetic field, for example, of polyethylene (or coloured polyethylene) or foam plastic.

Housing 1 has several apertures 29 (FIG.1) covered with a small mesh brass lattice (mesh size: up to 1 mm) for communication with the environment.

Near said means for placing a biological object at the side opposite to the second antenna system is mounted a group of microwave lenses 30 (FIG.1, 6, 7) the number of which corresponds to the number of tiers of bed 25 used for placing bioobjects. Support 31 of lens system 30 is located on floor 26. It is possible to provide a regulated movement of said lenses horizontally and vertically. Total area of all said lenses must not exceed 10% of the cross-sectional area of housing 1.

In housing 1 are installed conventional lamps 32 and quartz lamps 33.

The second antenna system may be suppelemented additionally with convex metal mirror 34 (FIG.8) located in the zone of reflector 8 and lens 9 and facing by its convex side said reflector to ensure the concentration of the electromagnetic radiation of biofield into a narrow beam. It is recommended to use it in case of influence on a small biological object.

The operation of said device for transmitting a natural information supply to a biological object shall be performed in the following way.

Through door 17 biological objects, for example, several people, enter conpartment 4 and are placed on tiers of bed 25 while through door 16 to compartment 2 is delivered movable shelf 20 on the shelves of which are placed sources 3 of biofields. In the capacity of

such sources may be used young plants with the period of 1 to 2 weeks from the beginning of vegetation, for example, wheat, corn, peas, soy beans, cabbage, flowers grown in flower pots and their crops without thorns. Seeding of grains shall be done so densely that adjacent grains must contact each other. During the course of treatment the pots with the plants must be replaced every 2 hours. As a source of biofield may also be used animals at the age of half the period of their growth (for example, mice, hares, rabbits, dogs, deer, bears, etc). They shall be put into cages made of non-metallic material. The duration of a course of treatment must be from 2 to 4 hours daily for replenishment of the biofield and 8 hours daily for rejuvenation. It is recommended to proceed 10 courses of treatment.

The use of biofields of animals is allowed only for those persons who do not plan to have children further on.

The first antenna system accepts the bioelectromagnetic radiation from that side of source 3 of biofield that faces that system, forms and opens a flat phase front and directs it to second antenna system 4. Then, from that system said bioelectromagnetic radiation is focused into the focus zone of that system where is located biological object 5 (or several objects 5). In that zone is formed a structure of said bioelectromagnetic field similar to that of the source. That biofield exerts influence on object 5 ensuring transmittance to it of a natural information supply.

The bioelectromagnetic radiation from the side of source 3 of biofield that does not face the first antenna system is received by first microwave lens group 30, is focused and transmitted by those lenses to specific areas of biological object 5 that especially are in need of reception of a natural information supply.

The device can also be used for transmitting a

natural information supply not only to a human being but also to bioobjects of other species. For example, one can place into compartment 4 in the zone of focus of the second antenna system germinated seeds of vegetable and grain crops, fruits, fodder grass, medicinal plants, flowers, tree seeds, etc. As source 3 of biofield shall be selected such species the features of which is necessary to transmit to the object/recipient. For example, if the objective is to grow corn with multiple stems, high yield and grains containing higher amounts of proteins. In this case as source 3 of biofield must be used wheat crop. The result achieved: crop yield is from 30 to 100% higher than in the reference group, with a higher average content of protein.

Or if, for example, it is planned to grow cucumbers having a specific scent and taste. For that purpose as source 3 of biofield must be used green mass of melon (stem, leaves) or fruits of pine-apple, apples, mandarins, etc. The resulting cucumbers have a taste of melon, pine-apple, etc., i.e. the taste of the biofield source. The duration of the treatment course is 3 to 4 days without interruption but source 3 shall be changed to a new one approximately every 4 hours. Germinated seeds during the course of treatment shall be maintained moistened, and are washed 2 or 3 times a day with pure water. After the treatment seeding in the field may be implemented.

It is also possible to exert such influence on embryos, cells, and tissues of animals. In doing so, it is expedient to use the device (FIG.8) in which the second antenna system is provided with convex metal mirror 34 located in the zone of focus of reflector 8 and lens 9. Biological object 5 is located in the zone of focus of the whole antenna system with that focus being shifted closer to reflector 8. The bioelectromagnetic radiation directed from the first antenna system

comes to reflector 8 and lens 9 and from them - to convex mirror 34. From that point the electromagnetic flow is reflected and in the form of a more dense beam is directed to the zone of focus of the second antenna system where biological object 5 is located. Thanks to higher concentration the degree of influence during transmitting to an object a natural information supply is increased.

Industrial Applicability

The device is easy to manufacture and use, it is recommended to use it for maintaining vitality of bodies by way of transmitting to them a natural information supply from live sources.

WHAT IS CLAIMED IS:

1. The device for transmitting a natural information supply to a biological object comprising a source of biofield and means for housing said source and object characterized in that said device comprises a chamber assembly having a housing (1) and two antenna systems each of which has a reflector (6, 8) and a microwave lens (7, 9) mounted coaxially with it, the first antenna system being secured to one side of said housing (1) forming compartment (2) for reception of an information supply from a source (3) of biofield while the second antenna system is secured to the opposite side of said housing (1) forming a compartment (4) for exerting influence on a biological object, the means for housing a biofield source and a biological object are located in the zone of focuses of the respective antenna systems, and near the last means from the side opposite to the antenna system is mounted a group of microwave lenses (30).

2. The device according to claim 1, characterized in that a housing (1) has a cylindrical form and the antenna systems are secured to its end sides.

3. The device according to claim 1, characterized in that a housing (1) is designed in such a way as to form, together with the antenna systems secured to its opposite sides, a chamber having a spherical form.

4. The device according to claim 1, characterized in that a housing (1) is designed in such a way as to form, together with the antenna systems secured to its opposite sides, a chamber the section of which has a form of an ellipse.

5. The device according to claim 1, characterized in that compartments (2, 4) are separated by a partition (28) secured in a housing (1) and made of such a material that can be penetrated by the bioelectromagnetic field.

6. The device according to claim 1, characterized in that the second antenna system is supplemented with a convex metal mirror (34) located in the zone of focus of a reflector (8) and lens (9) and facing by its convex side said reflector (8) ensuring concentration of the electromagnetic radiation of biofield into a narrow beam for its direction onto a small biological object (5).

7. The device according to claim 1, characterized in that as a source (3) of biofield are used young plants with the period from 1 to 2 weeks from the beginning of vegetation.

8. The device according to claim 1, characterized in that as a source (3) of biofield are used large or small animals at the age up to the half of the period of their growth.

ABSTRACT

The proposed device comprises a chamber assembly with a main housing (1) and two antenna systems mounted on opposite sides of the housing (1) and each provided with a reflector (6,8) and microwave lens mounted coaxially with the respective reflector. The device is provided with means for housing a biofield source (3) and for housing a biological object (5), located in compartments (2, 4) formed by part of the main housing (1) and antenna system mounted thereon. Young plants or animals can be used as the biofield source (3).

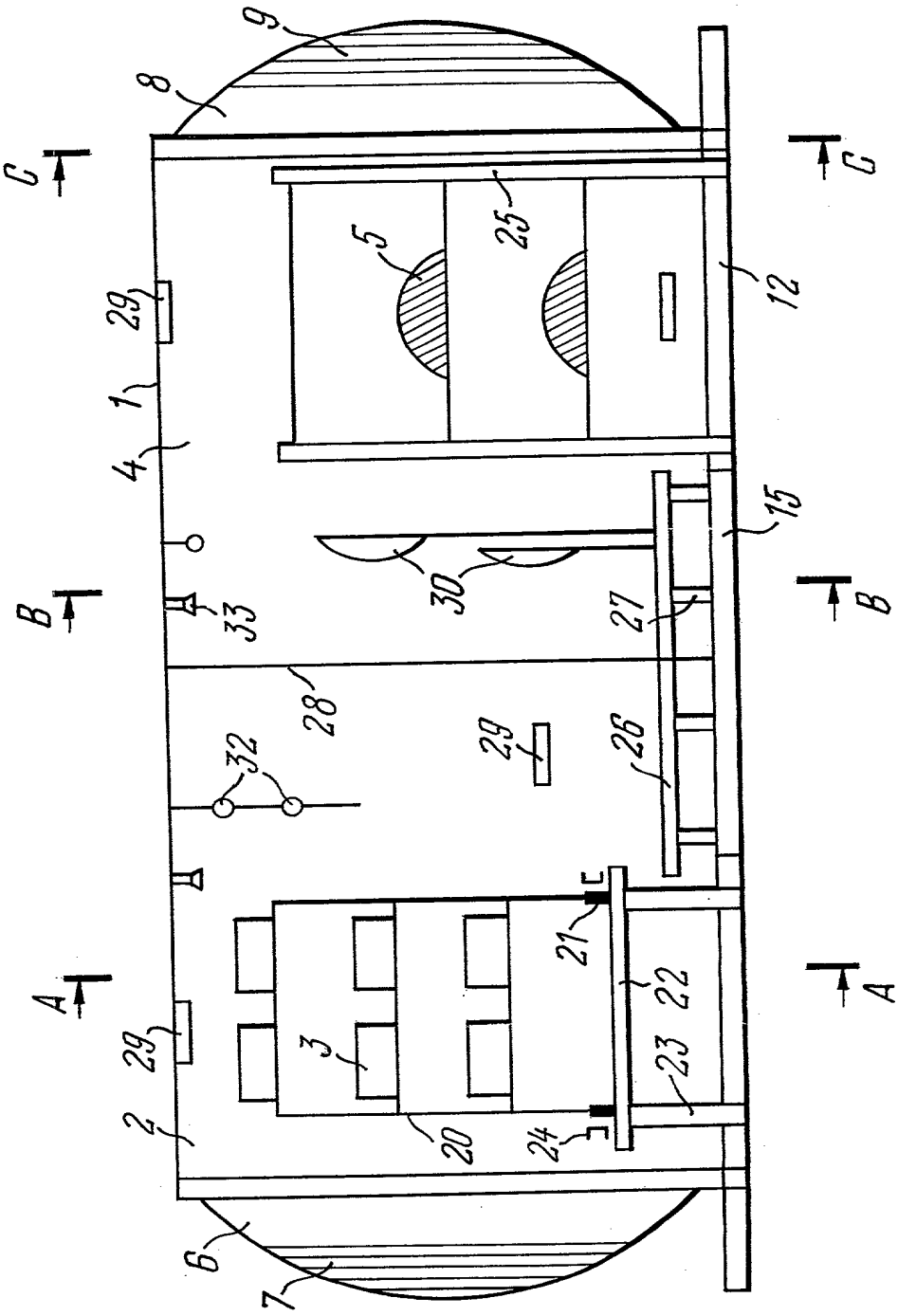

FIG. 1

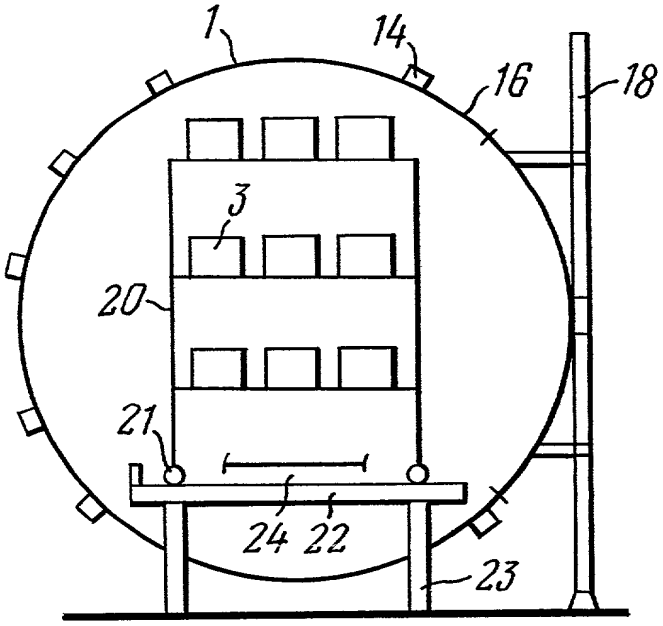

FIG. 2

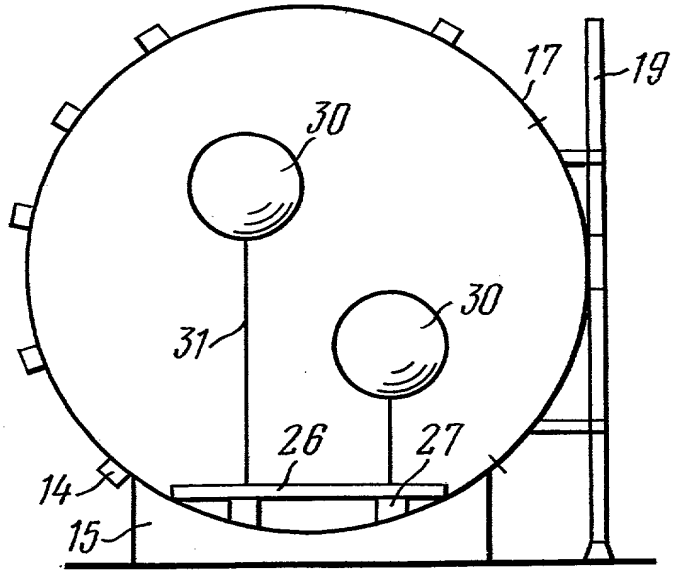

FIG. 3

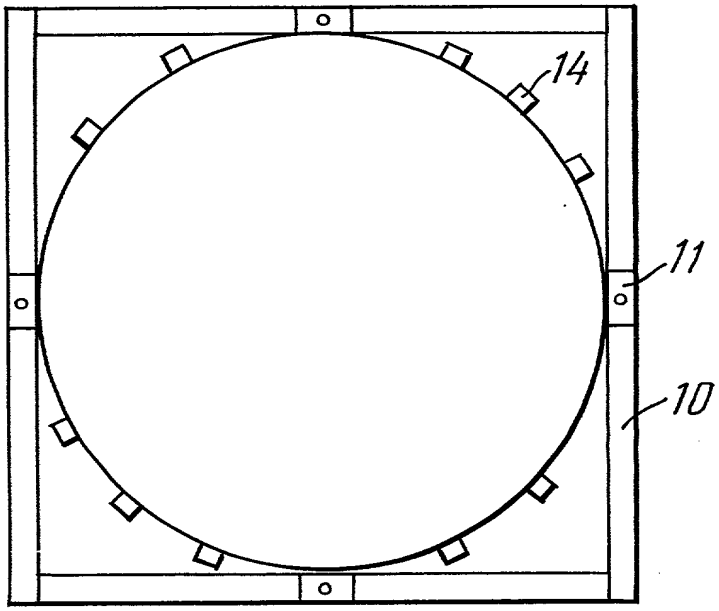

FIG. 4

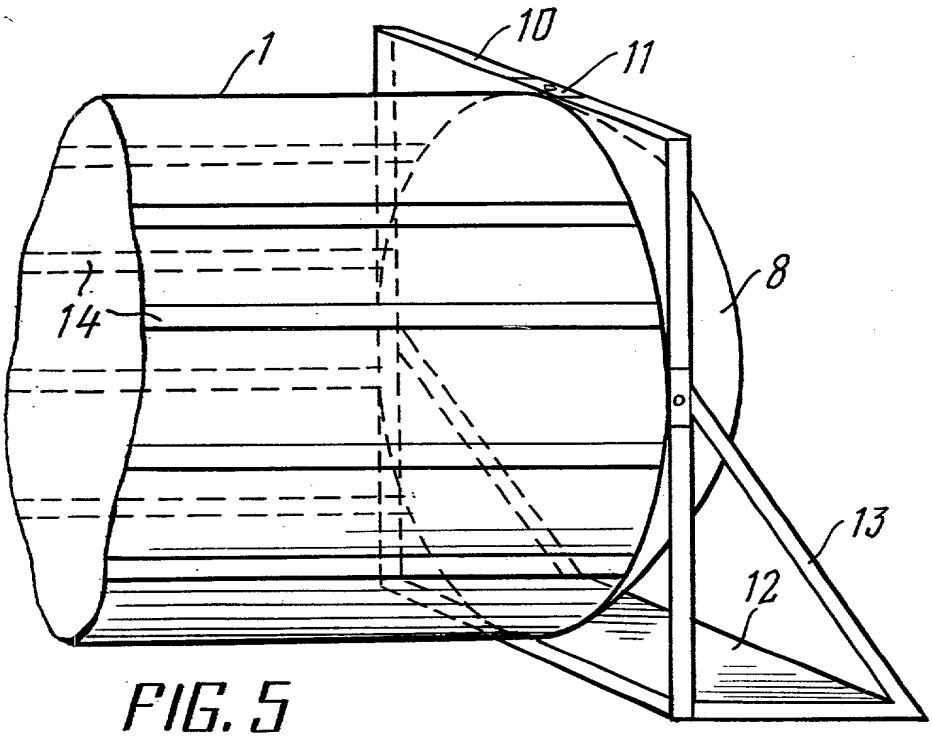

FIG. 5

08/952194

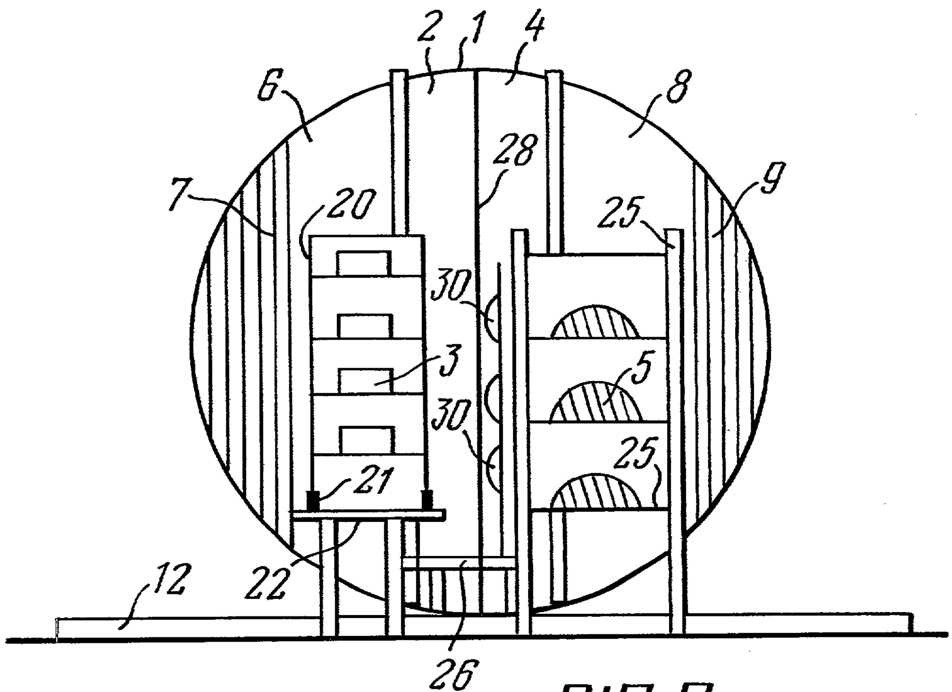

FIG. 6

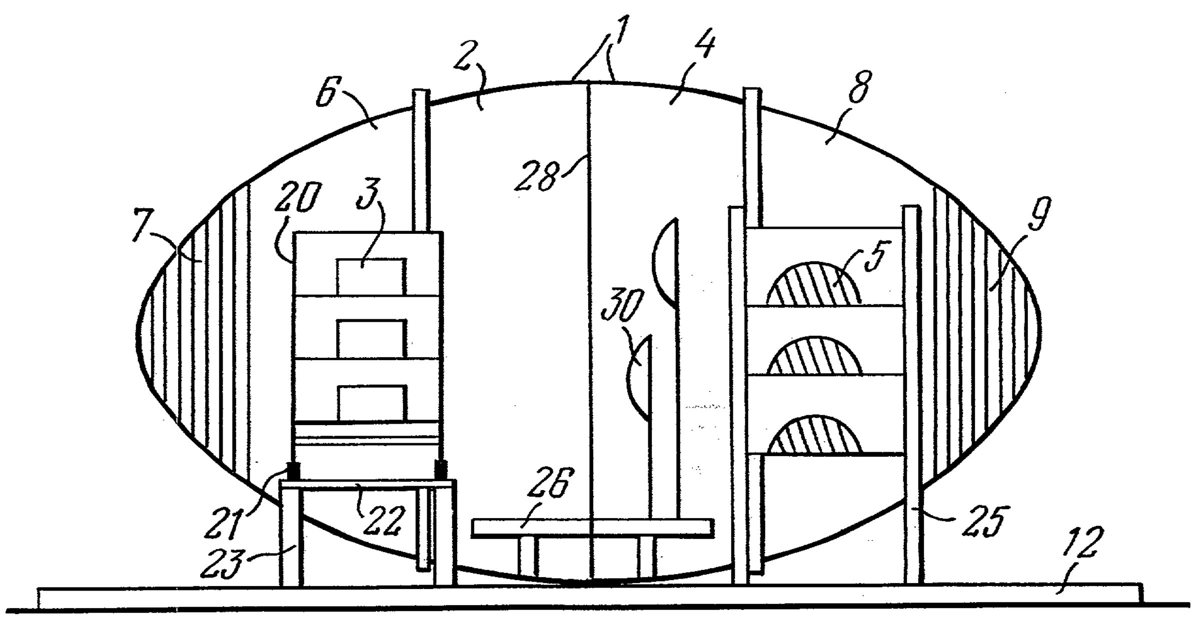

FIG. 7

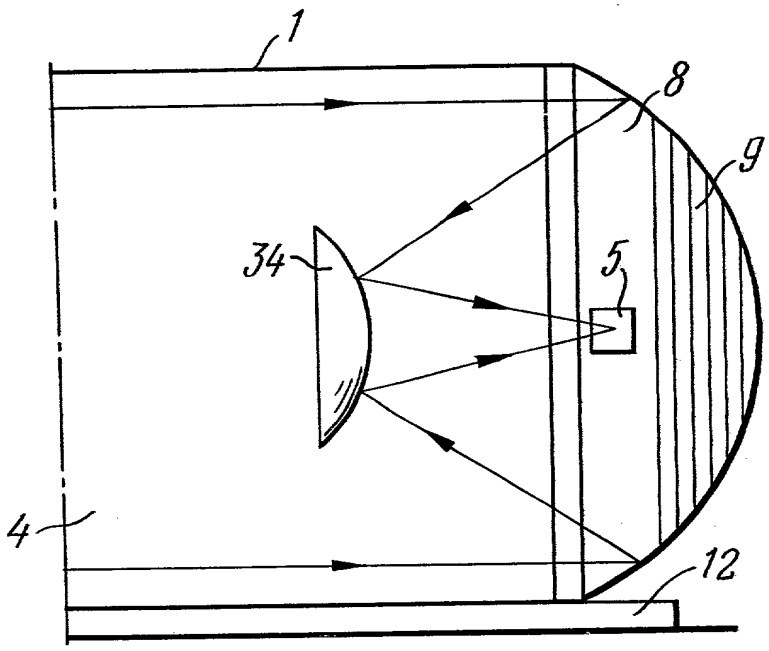

FIG. 8

PATENT

Attorney's Docket No. U 011457-4

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR CIP)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: (*check one applicable item below*)

- ☒ original
- ☐ design
- ☐ supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- ☒ national stage of PCT

NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.

- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part (CIP)

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:.

TITLE OF INVENTION

DEVICE "BIOTRON TSZYAN-2" FOR TRANSMITTING A NATURAL INFORMATION SUPPLY TO A BIOLOGICAL OBJECT

SPECIFICATION IDENTIFICATION

the specification of which: *(complete (a), (b) or (c))*

(a) ☐ is attached hereto.

(b) ☐ was filed on _____ as ☐ Serial No. 0 /_____ or ☐ Express Mail No., *as Serial No. not yet known* _____ and was amended on _____ (*if applicable*).

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

(c) ☒ was described and claimed in PCT International Application No. PCT/RU 96/00236 filed on 21.08.96 and as amended under PCT Article 19 on _____ (*if any*).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information

☒ which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56

(also check the following items, if desired)

☐ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, and

☐ In compliance with this duty there is attached an information disclosure statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d) ☐ no such applications have been filed.

(e) ☒ such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

A. PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
Russian Federation	No.95114538	01.09.95	☒ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

NOTE: *If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CIP APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.*

POWER OF ATTORNEY

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*List name and registration number*)

14

PAUL B. WEST, 18947
JOSEPH H. HANDELMAN, 26179
JOHN RICHARDS, 31053
JOHN J. CRYSTAL, 26360
RICHARD J. STREIT, 25765
ALAN K. ROBERTS, 17777
S. DELVALLE GOLDSMITH, 14383
LESTER HORWITZ, 18998
PETER D. GALLOWAY, 27885
IAIN C. BAILLIE, 24090
THOMAS F. PETERSON, 24790
RICHARD P. BERG, 28145
JULIAN H. COHEN, 20302
WILLIAM R. EVANS, 25858

(check the following item, if applicable)

☐ Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

LADAS & PARRY
26 WEST 61ST STREET
NEW YORK, NEW YORK 10023

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

(212)708-1930

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name as it should appear on the filing receipt and all other documents.

Full name of sole or first inventor

Jury (GIVEN NAME) Vladimirovich (MIDDLE INITIAL OR NAME) Tsyan Kanchzhen (FAMILY (OR LAST NAME))

Inventor's signature _____

Date September30,1997 **Country of Citizenship** Russian Federation

Residence Khabarovsk

Post Office Address 680000 Khabarovsk, ul. Frunze, d.74, kv.37

Full name of second joint inventor, if any

(GIVEN NAME) (MIDDLE INITIAL OR NAME) (FAMILY (OR LAST NAME))

Inventor's signature _____

Date _____ **Country of Citizenship** _____

Residence _____

Post Office Address _____

Full name of third joint inventor, if any

(GIVEN NAME) (MIDDLE INITIAL OR NAME) (FAMILY (OR LAST NAME))

Inventor's signature _____

Date _____ **Country of Citizenship** _____

Residence _____

Post Office Address _____

U 011457-4

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

☒ In re **application** of*: Jury Vladimirovich TSZYAN KANCHZHEN

Serial No.: PCT/RU96/00236 Group No.

Filed: 21 AUGUST 1996 Examiner:

For*: DEVICE "BIOTRON TSZYAN-2" FOR TRANSMITTING A NATURAL INFORMATION SUPPLY TO A BIOLOGICAL OBJECT

☐ **Patent No.:** Issued:

*NOTE: *Insert name(s) of inventor(s) and title also for patent. Where statement is with respect to a maintenance fee payment also insert application serial number and filing date and add Box M. Fee to address.*

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(c-f) and 1.27(b-d))

With respect to the invention described in

☒ the specification filed herewith.

☐ application serial no. _____, filed _____.

☐ patent no. _____, issued _____.

I. IDENTIFICATION OF DECLARANT AND RIGHTS AS A SMALL ENTITY

I hereby declare that I am

(complete either (a), (b), (c) or (d) below):

(a) Independent Inventor

☒ a below named independent inventor and that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code to the Patent and Trademark Office.

(b) Non-inventor Supporting a Claim By Another

☐ making this verified statement to support a claim by

_____

for a small entity status for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code and I hereby declare that I would qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under 41(a) and (b) of Title 35, United States Code, if I had made the above identified invention.

(c) Small Business Concern

☐ the owner of the small business concern identified below:

☐ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN _____

ADDRESS OF CONCERN _____

_____ and

that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of tthe Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500

persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

(d) Non-Profit Organization

☐ an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION _____

ADDRESS OF ORGANIZATION _____

_____

TYPE OR ORGANIZATION

☐ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION

☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c) (3))

☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA

(NAME OF STATE _____)

(CITATION OF STATUTE _____)

☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c) (3)) IF LOCATED IN THE UNITED STATES OF AMERICA

☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA

(NAME OF STATE _____)

(CITATION OF STATUTE _____)

and that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code.

II. OWNERSHIP OF INVENTION BY DECLARANT

I hereby declare that rights under contract or law remain with and/or have been conveyed to the above identified

☐ person	☐ concern	☐ organization
(item (a) or (b) above)	(item (c) above)	(item (d) above)

EXCEPT, that if the rights held are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held (1) by any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, (2) any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or (3) a non-profit organization under 37 CFR 1.9(e).

☒ no such person, concern, or organization

☐ person, concerns or organizations listed below*

*NOTE: *Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).*

FULL NAME _____

ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME _____

ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

III. ACKNOWLEDGEMENT OF DUTY TO NOTIFY PTO OF STATUS CHANGE

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

IV. DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

V. SIGNATURES

(complete only (e) or (f) below)

(e)

NOTE. All inventors must sign the verified statement

Jury Vladimirovich Tsyan Kanchzhen

Name of Inventor

Date October 7,1997

Signature of Inventor

Name of Inventor

Date _____

Signature of Inventor

Name of Inventor

Date _____

Signature of Inventor

add lines for any additional inventors who must sign